

AMENDMENTS TO THE CLAIMS

The following is a complete, marked-up listing of revised claims with a status identifier in parenthesis, underlined text indicating insertions, and strike through and/or double-bracketed text indicating deletions.

LISTING OF CLAIMS

1-12. (Cancelled)

13. (Currently Amended) A computer readable medium having a data structure for managing reproduction duration of still pictures, comprising:

a data area storing ~~at least one~~ a first stream file for presentation data, and a second stream file for audio data, the presentation data being divided into a number of still picture units, ~~each~~ the still picture units including at least one still picture and associated related data, the related data not including audio data; and

~~a clip information area storing at least one clip information file, each clip information file being associated with the stream file stored in the data area, the clip information file providing a map for the associated stream file, each map mapping presentation time information to address information for the associated stream file; and~~

a playlist area storing at least one playlist file, the playlist file ~~referencing the clip information file and~~ including at least one playitem, ~~the playitem~~ and at least one sub-playitem, the playitem indicating an in-point and out-point of the first stream file to reproduce at least one of the still picture units and including first duration information indicating whether to display the still picture in the still picture unit for one of a finite and an infinite period of time, the sub-playitem indicating an in-point and out-point of the second stream file to reproduce the audio data,

wherein the playitem further includes second duration information indicating a length of time to display the still picture when the ~~still mode~~ first duration information indicates to display the still picture for a finite period of time.

14. (Previously Presented) The computer readable medium of claim 13, wherein the related data in at least one still picture unit includes graphics data.

15. (Previously Presented) The computer readable medium of claim 13, wherein the related data in at least one still picture unit includes subtitle data.

16-17. (Cancelled)

18. (Previously Presented) The computer readable medium of claim 13, wherein each still picture unit includes only one still picture.

19.-23. (Cancelled)

24. (Currently Amended) A method of recording a data structure for managing reproduction duration of at least one still picture on a recording medium, comprising:

~~recording at least one clip information file in a clip information file area of the recording medium, each clip information file being associated with at least one stream file stored in a data area of the recording medium and providing a map for the associated stream file, each map mapping presentation time information to address information for the associated stream file; a first stream file for presentation data and a second stream file for~~
audio data on the recording medium, the presentation data being divided into a number of still

picture units, the still picture units including at least one still picture and associated related data, the related data not including audio data; and

recording at least one playlist file on the recording medium, the playlist file ~~referencing the clip information file and including at least one playitem and at least one sub-playitem, the playitem providing navigation information indicating an in-point and out-point of a~~ the first stream file to reproduce at least one still picture unit and including first duration information indicating whether to display the still picture in the still picture unit for one of a finite and an infinite period of time, and the sub-playitem providing navigation information indicating an in-point and out-point of a ~~the second stream file to reproduce audio data,~~

wherein the playitem further includes second duration information indicating a length of time to display the still picture when the ~~still mode~~ first duration information indicates to display the still picture for a finite period of time.

25. (Currently Amended) A method of reproducing a data structure for managing reproduction duration of at least one still picture recorded on a recording medium, comprising:

reproducing a first stream file for presentation data and a second stream file for audio data from the recording medium, the presentation data being divided into a number of still units, the still picture units including at least one still picture and associated related data, the related data not including audio data; a playlist file and at least one clip information file referenced by the playlist file from a recording medium, each clip information file being associated with at least one stream file and providing a map for the associated stream file, each map mapping presentation time information to address information for the associated stream file; and

reproducing at least one playlist file from the recording medium, the playlist file including at least one playitem and at least one sub-playitem-in-the-playlist file, the playitem providing navigation information indicating an in-point and out-point of a-the first stream file to reproduce at least one still picture unit and including first duration information indicating whether to display the still picture in the still picture unit for one of a finite and an infinite period of time, and the sub-playitem providing navigation information indicating an in-point and out-point of a-the second stream file to reproduce the audio data,

wherein the playitem further includes second duration information indicating a length of time to display the still picture when the ~~still mode~~-first duration information indicates to display the still picture for a finite period of time.

26. (Currently Amended) An apparatus for recording a data structure for managing reproduction duration of at least one still picture on a recording medium, comprising:

a pickup configured to record data on the recording medium;

a controller configured to control the pickup to record ~~at least one clip information file in a clip information file area of the recording medium, each clip information file being associated with at least one stream file stored in a data area of the recording medium and providing a map for the associated stream file, each map mapping presentation time information to address information for the associated stream file~~ a first stream file for presentation data and a second stream file for audio data on the recording medium, the presentation data being divided into a number of still picture units, the still picture units including at least one still picture and associated related data, the related data not including audio data; and

~~the controller configured to control the pickup to record at least one playlist file on the recording medium, the playlist file referencing the clip information file and including at least one playitem and at least one sub-playitem, the playitem providing navigation information indicating an in-point and out-point of a the first stream file to reproduce at least one still picture unit and including first duration information indicating whether to display the still picture in the still picture unit for one of a finite and an infinite period of time, and the sub-playitem providing navigation information indicating an in-point and out-point of a the second stream file to reproduce the audio data,~~

wherein the playitem further includes second duration information indicating a length of time to display the still picture when the ~~still mode~~first duration information indicates to display the still picture for a finite period of time.

27. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction duration of at least one still picture recorded on a recording medium, comprising:

a pickup configured to reproduce data recorded on the recording medium;

a controller configured to control the pickup to reproduce a first stream file for presentation data and a second stream file for audio data from the recording medium, the presentation data being divided into a number of still picture units including a least one still picture and associated related data, the related data not including audio data~~a playlist file and at least one clip information file referenced by the playlist file from the recording medium, each clip information file being associated with at least one stream file and providing a map for the associated stream file, each map mapping presentation time information to address information for the associated stream file; and~~

~~the controller configured to control the pickup to reproduce at least one playlist file from the recording medium, the playlist file including at least one playitem and at least one sub-playitem ~~from the playlist, the playitem providing navigation information indicating an in-point and out-point of a~~ the first stream file to reproduce at least one still picture unit and including first duration information indicating whether to display the still picture in the still picture unit -for one of a finite and an infinite period of time, ~~and the sub-playitem providing navigation information indicating an in-point and out-point of a~~ the second stream file to reproduce the audio data,~~

wherein the playitem further includes second duration information indicating a length of time to display the still picture when the ~~still mode~~ first duration -information indicates to display the still picture for a finite period of time.

28. (Cancelled)

29. (Currently Amended) The method of claim ~~28~~24, wherein the related data includes graphics data.

30. (Currently Amended) The method of claim ~~28~~24, wherein the related data includes subtitle data.

31-35. (Cancelled).

36. (Currently Amended) The method of claim ~~35~~25, wherein the related data includes graphics data.

37. (Currently Amended) The method of claim ~~35~~25, wherein the related data includes subtitle data.

38-42. (Cancelled)

43. (Currently Amended) The apparatus of claim ~~42~~26, wherein the related data includes graphics data.

44. (Currently Amended) The apparatus of claim ~~42~~26, wherein the related data includes subtitle data.

45-49. (Cancelled)

50. (Currently Amended) The apparatus of claim ~~49~~27, wherein the related data includes graphics data.

51. (Currently Amended) The apparatus of claim ~~49~~27, wherein the related data includes subtitle data.

52-55. (Cancelled)